



**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Dkt. No:	5181-70200	
Client Ref. No.:	P5227 P5198	
Inventor(s):	Slaughter, et al.	
Serial No.:	09/653,451	
Filing Date:	August 31, 2000	
Examiner:	Unknown	
Group Art Unit:	2152	
Title:	METHOD AND	
	APPARATUS TO	
	DISCOVER SERVICES	
	AND NEGOTIATE	
	CAPABILITIES	

CERTIFICATE OF FIRST CLASS MAIL

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, DC 20231, on the date indicated below.

> Robert C. Kowert Name of Registered Representative

AND REVOCATION OF PREVIOUS POWERS

**Assistant Commissioner for Patents** Washington, D.C. 20231

Dear Sir/Madam:

SUN MICROSYSTEMS, INC., ("assignee"), a Delaware corporation having a place of business at 901 San Antonio Road, Palo Alto, California 94303, certifies that to the best of assignee's knowledge and belief it is the assignee of the entire right, title, and interest in and to the above-referenced patent and represents that the undersigned is a representative authorized and empowered to sign on behalf of the assignee.

Assignee has reviewed the assignment documents that evidence the placement of title in the assignee, true and correct copies of which are attached hereto, and understands and believes that these assignment documents have been submitted for recordation in the U.S. Patent and Trademark Office.

Pursuant to 37 C.F.R. §1.36 and 3.71, the assignee hereby revokes all powers of Technology Center 2100 attorney previously given and appoints

Kenneth Olsen	Reg. No. 26,493
Robert S. Hauser	Reg. No. 37,847
Alexander E. Silverman	Reg. No. 37,940
Christine S. Lam	Reg. No. 37,489
Timothy J. Crean	Reg. No. 37,116
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Attorney Docket No.: 5181-7

Marc D. Foodman	Reg. No. 34,110
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Elaine Lee	Reg. No. 41,936
Hugh H. Matsubayashi	Reg. No. 43,779

each of said attorneys being employed by Sun Microsystems; and

Dan R. Christen	Reg. No. 39,943
Gentry E. Crook	Reg. No. 44,633
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David W. Quimby	Reg. No. 39,338
David A. Rose	Reg. No. 26,223

each of said attorneys or agents being a member or an associate of the firm of Conley, Rose & Tayon, P.C., as attorney or agent for so long as they remain with such company or firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent.

Pursuant to 37 C.F.R. §3.71, the assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventor(s).

Send all future correspondence to: Robert C. Kowert

CONLEY, ROSE & TAYON, P.C.

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Assignee of Interest: SUN MICROSYSTEMS, INC.

M/S PAL 01-521

901 San Antonio Road Palo Alto, CA 94303

Dated: <u>December 4,2000</u>

Name: Kenneth Olsen Reg. No.: 26,493

Title: Vice President, Intellectual Property



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

5181-70200

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

NOVEMBER 06, 2000

**PTAS** 

CONLEY, ROSE & TAYON, P.C. ROBERT C. KOWERT P.O. BOX 398 AUSTIN, TX 78767-0398



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION O THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

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ASSIGNOR:

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DOC DATE: 08/24/2000

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DOC DATE: 08/27/2000

ASSIGNOR:

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DOC DATE: 08/24/2000

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DOC DATE: 08/24/2000

ASSIGNEE:

SUN MICROSYSTEMS, INC. 901 SAN ANTONIO ROAD PALO ALTO, CALIFORNIA 94303

SERIAL NUMBER: 09653451

PATENT NUMBER:

FILING DATE: 08/31/2000

ISSUE DATE:



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STEVEN POST, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

	09-19-2000
FORM PTO-1595 1-31-92 RECORDAT	i.S. DEPARTMENT OF COMMERCE 'atent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks. Please record ti	101462114
1. Name of conveying party(ies): 8.31.00	2. Name and address of receiving party(ies):
Gregory L. Slaughter	Name: Sun Microsystems, Inc.
Thomas E. Saulpaugh Mohamed M. Abdelaziz	Internal Address:
Bernard A. Traversat	25.
Additional name(s) of conveying party(ies) attached? yes no	Street Address: 901 San Antonio Road
	City Palo Alto State CA ZIP 94303
	Additional name(s) & address(es) attached? Yes No
3. Nature of Conveyance:	Additional name(s) & address(es) attached? Yes No
Assignment Merger  Assignment  Merger	
	The way to be a second of the
Security Agreement	The state of the s
Change of Name Other	Center Con
Execution Date: 8/24/00, 8/27/00, and 8/24/00	P <sub>D</sub>
19/1.52/14/	- Pn
4. Application number(s) or patent number(s): 0 // 455 451  If this document is being filed together with a new application, the execution	n date of this application is: 8/24/00, 8/27/00, and 8/24/00
A. Patent Application No.(s)  B. F	Patent No.(s)
	n date of this application is: 8/24/00, 8/27/00, and 8/24/00  Patent No.(s)  Technology Const
Additional numbers atta	ached: Tes No Center
5. Name and address of party to whom correspondence concerning document should be mailed:	Patent No.(s)    Technology Center   1   1   1   1   1   1   1   1   1
Name: Robert C. Kowert	
Internal Address: Conley, Rose & Tayon, P.C.	
Street Address: P.O. Box 398	
City Austin State TX ZIP 78767-0398	7. Total fee (37 CFR 3.41):
711/2000 MGORDON 00000002 09653451	Enclosed
FC:581 40.00 8P	Authorized to be charged to deposit account
	Deposit account number:  (Attach a duplicate copy of this page if paying by deposit account)  03-2769
DO NOT U	USE THIS SPACE
9. Statement and Signature.	
To the best of my knowledge and belief, the foregoing information is true a	nd correct and any attached copy is a true copy of the original document.
Robert C. Kowert	August 31, 2000  Date
Name of Person Signing Reg. No. 39,255	Signature Date Total number of pages:3
OMB No. 0651-011 (exp.4/94)	

PATENT 5181-70200 P5198 & P5227

## **ASSIGNMENT**

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to <u>SUN MICROSYSTEMS</u>, INC. (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of <u>Delaware</u>, and having its principal place of business at <u>901 San Antonio Road</u>. <u>Palo Alto, California 94303</u> their entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled, <u>METHOD AND APPARATUS TO DISCOVER SERVICES AND NEGOTIATE CAPABILITIES</u>, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

	(Signature) _		h	Date:	8/24/00
	Name:	Gregory L. Slav	ughter		
	(Signature)	Vm E. 5	Salpan	Date:	8/27/15
	Name:	Thomas E. Sau	lpaugh		
/					
	\		_		<b></b>
	(Signature) Name:	Mohamed M. A	Abdelaziz	Date:	8-24-00
		12 A	1		n 12 1 / .
	(Signature) _ Name:	Bernard A. Tra	versat	Date:	7/24/00
	`\	,			
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		\ .	Robert C. K Conley, Rose & 7		
		,	P.O. Box		

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